| ••• | idex | •• | <br> |  |
|-----|------|----|------|--|
|     |      |    |      |  |

| Application/Control N | 10. |
|-----------------------|-----|
|-----------------------|-----|

Applicant(s)/Patent under Reexamination

10/750,948

FRANCKE, TOM

Examiner

Date

Art Unit

**Courtney Thomas** 

2882

√ Rejected
= Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Claim

Non-Elected

A Appeal

+ Restricted

I Interference

O Objected

|          |  | لـــا                                   |              |  |          |          |                                     | - 1                       | Ш  |  |  |
|----------|--|---|--------------|--|----------|----------|-------------------------------------|---------------------------|--|--|--|
|          |  | Date                                    |              |  |          |          |                                     |                           |  |  |  |
| Cla      |  | Date                                    |              |  |          |          |                                     |                           |  |  |  |
| _        | Original   | ա                                       |              |  |          |          |                                     |                           |  |  |  |
| Final    | gi   | 4/12/05                                 | !            |  |          |          |                                     |                           |  |  |  |
| u.       | Ö  | 4/1                                     |              |  |          |          |                                     |                           |  |  |  |
|          |  | L.                                      |              |  |          |          |                                     |                           |  | $\blacksquare$                                   |  |
|          | 1<br>2<br>3<br>4<br>5  | 444                                     | _            |  |          |          |                                     |                           | Ш  | $\Box$   |  |
|          | 2  | 1                                       | _            |  |          |          |                                     |                           |  |  |  |
|          | 3  | 1                                       |              |  |          |          |                                     |                           |  | $\Box$   |  |
|          | 4  | 1                                       |              |  |          |          |                                     |                           |  |  |  |
|          | 5  | 77777                                   |              |  |          |          |                                     |                           |  |  |  |
|          | 6<br>7   | 1                                       |              |  |          |          |                                     |                           |  |  |  |
|          |  | √                                       |              |  |          |          |                                     |                           |  |  |  |
|          | 8 9  | 1                                       |              |  |          |          |                                     |                           |  |  |  |
|          | 9  | 4                                       |              |  |          |          |                                     |                           |  |  |  |
|          | 10   | 1                                       |              |  |          |          |                                     |                           |  |  |  |
|          | 11   | 1                                       |              |  |          |          |                                     |                           |  |  |  |
|          | 12   | 1                                       |              |  |          |          |                                     |                           |  |  |  |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | 777777777777777777777777777777777777777 |              | П  |          |          |                                     |                           |  |  |  |
|          | 14   | 1                                       |              |  |          |          |                                     |                           |  |  |  |
|          | 15   | 1                                       |              |  |          |          |                                     |                           | $\Box$   |  |  |
|          | 16   | 1                                       |              |  |          |          |                                     |                           |  |  |  |
|          | 17   | 1                                       | $\vdash$     |  | -        |          |                                     |                           |  |  |  |
|          | 18   | 1                                       |              | Н  |          | _        |                                     |                           |  | $\neg$   |  |
| <u> </u> | 19   | J                                       | ┢            |  |          |          |                                     |                           |  |  |  |
| $\vdash$ | 20   | ij                                      | $\vdash$     | <u> </u>   |          |          |                                     | _                         | $\vdash$   | -  |  |
| _        | 21   | 1                                       |              | $\vdash$   | _        | _        | _                                   |                           |  |  |  |
|          | 22   | 1                                       | $\vdash$     | ⊢  |          | _        | _                                   |                           |  | -  |  |
|          | 22<br>23<br>24   | 1                                       |              | $\vdash$   |          | -        | $\vdash$                            |                           |  |  |  |
|          | 23   | 1                                       | ⊢            | -  | _        | H        | $\vdash$                            | -                         | -  |  |  |
|          | 25   | 1                                       |              |  | _        | $\vdash$ |                                     |                           |  |  |  |
|          | 25<br>26<br>27   | V                                       |              | <del> </del>   |          | $\vdash$ | $\vdash$                            |                           | _  |  |  |
|          | 20   | N<br>N                                  | ├—           | ⊢  |          | H        |                                     |                           | H  |  |  |
|          | 27   | V                                       | <del> </del> | -  | _        |          | H                                   | <u> </u>                  | $\vdash$   |  |  |
|          | 28<br>29   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | ⊢            | $\vdash$   | _        | _        | _                                   | $\vdash$                  |  | $\vdash$   |  |
|          | 29   | 7                                       | <u> </u>     | <u> </u>   | _        | _        | $\vdash$                            | -                         |  |  |  |
|          | 30   | ٧                                       | <u> </u>     | <u> </u>   |          | _        | _                                   | <u> </u>                  | <u> </u>   | _  |  |
|          | 31   | $\vdash$                                | <u> </u>     | $\vdash$   |          | <u> </u> | $\vdash$                            | $\vdash$                  | <u> </u>   | $\vdash$   |  |
|          | 32_  | <b> </b>                                | ⊢            | <u> </u>   |          | $\vdash$ |                                     | _                         | $\vdash$   | Ь.   |  |
|          | 33<br>34   | _                                       | _            | <u> </u>   | <u> </u> | <u> </u> | $\vdash$                            |                           | <u> </u>   | Щ  |  |
|          | 34   | ļ                                       | ļ            |  | <u> </u> | <u> </u> | <u> </u>                            | $\vdash$                  |  | Ш  |  |
| <u> </u> | 35   |   | <u> </u>     | <u> </u>   | _        | <u> </u> | <u> </u>                            | $ldsymbol{ldsymbol{eta}}$ | <u> </u>   | Щ.   |  |
|          | 36<br>37   |   | L_           |  |          | <u> </u> |                                     | igspace                   | <u> </u>   | Ш  |  |
| <u></u>  | 37   | _                                       | L            |  | L        | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L_                        | <u> </u>   |  |  |
|          | 38   |   |              |  |          |          | <u> </u>                            | L                         | <u>L</u>   | Ш  |  |
|          | 39   |   | <u> </u>     | $ldsymbol{ld}}}}}}$ | L_       |          | L                                   | <u> </u>                  | L  | Ш  |  |
| L        | 40   |   | _            |  |          |          | <u> </u>                            |                           | L  | <u> </u>   |  |
|          | 41   |   |              | oxdot  |          | _        | $oxedsymbol{oxed}$                  |                           |  | $\Box$   |  |
|          | 42   | Ĺ                                       |              | oxdot  |          |          | Ĺ                                   |                           |  |  |  |
|          | 43   |   |              |  |          |          | L                                   |                           |  |  |  |
|          | 44   |   |              |  |          |          |                                     |                           |  |  |  |
|          | 45   | Γ                                       |              |  |          |          |                                     |                           |  |  |  |
|          | 46   |   | Γ            |  |          |          |                                     |                           | l -  |  |  |
|          | 47   |   | Г            |  |          |          |                                     | Г                         | l  | Г  |  |
|          | 48   | T                                       | <u> </u>     |  |          |          | $\vdash$                            |                           | <u> </u>   | Γ  |  |
| _        | 49   | H                                       | 1            |  | Ι-       | T        | <u> </u>                            | T                         | <del>                                     </del> | Г  |  |
| <u> </u> | 50   | Н                                       |              | 1  |          | ┢        | ┢                                   | t —                       | Т  | <del>                                     </del> |  |
| 1        | ,  |   |              |  |          |          |                                     |                           |  |  |  |

| CIC            | 11111    | _                                   |  |  |                                     | 2011   |  | _            | _  | $\overline{}$ |
|----------------|----------|-------------------------------------|--|--|-------------------------------------|--|--|--------------|--|---------------|
| Final          | Original |                                     |  |  |                                     |  |  |              |  |               |
|                | 51       |                                     |  | _  |                                     |  | _  | _            |  |               |
|                | 51<br>52 |                                     |  |  |                                     | -  | ,  |              | _  | $\vdash$      |
| ļ <del>.</del> | 52       | -                                   |  | _  | $\vdash$                            | _  | _  | _            |  |               |
|                | 53       |                                     |  |  |                                     | -  |  |              |  |               |
|                | 54<br>55 |                                     |  |  |                                     |  |  |              |  |               |
|                | 55_      |                                     |  |  |                                     |  |  |              |  |               |
| L              | 56       |                                     |  |  |                                     |  |  |              |  |               |
|                | 57       |                                     |  |  |                                     |  |  |              |  |               |
|                | 58       |                                     |  |  |                                     |  |  |              |  |               |
|                | 59       |                                     |  |  | Г                                   |  |  |              |  |               |
|                | 60       |                                     |  | $\vdash$   | $\vdash$                            |  | -  |              |  |               |
| <b>—</b>       | 61       | $\vdash$                            |  | -  | ┢                                   |  | _  |              |  |               |
| -              | 62       | -                                   |  | ┢  |                                     |  |  | _            |  |               |
|                | 62<br>63 | -                                   | -  | $\vdash$   | ├-                                  |  | $\vdash$   | $\vdash$     | -  | $\vdash$      |
| $\vdash$       | 03       | $\vdash$                            | -  | $\vdash$   |                                     |  | $\vdash$   |              | <b>-</b>   | $\vdash$      |
| <u> </u>       | 64       | $\vdash$                            | <u> </u>   |  | <u> </u>                            | <u> </u>   | $\vdash$   | <u> </u>     | $\vdash$   |               |
| ļ              | 65<br>66 | $ldsymbol{\sqcup}$                  | L  | <b> </b> _                                       | $\vdash$                            | _  | ļ  | $oxed{oxed}$ | $\vdash$   |               |
| L              | 66       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L  |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _  | L  | Ш            | Щ  |               |
|                | 67       |                                     |  | _  |                                     |  |  |              |  |               |
|                | 68       |                                     |  | L  | _                                   | <u> </u>   |  |              |  |               |
|                | 69       |                                     |  |  |                                     |  |  |              |  |               |
|                | 70       |                                     |  |  |                                     |  |  |              |  |               |
|                | 70<br>71 |                                     |  | Г  |                                     |  |  |              |  |               |
|                | 72       |                                     |  |  | Г                                   |  |  |              |  |               |
|                | 73       |                                     |  |  | Г                                   |  |  |              |  |               |
|                | 73<br>74 |                                     |  |  |                                     |  |  |              |  |               |
|                | 75       |                                     |  |  |                                     |  |  |              |  |               |
|                | 76<br>77 |                                     |  |  |                                     |  |  |              |  |               |
|                | 77       |                                     |  |  |                                     |  |  |              |  |               |
|                | 78<br>79 |                                     |  |  |                                     |  |  |              |  |               |
|                | 79       |                                     |  |  |                                     | Г  |  | Г            |  |               |
|                | 80       |                                     |  |  | Г                                   |  |  |              |  |               |
|                | 81       |                                     |  |  |                                     |  |  |              | $\Box$   |               |
|                | 81<br>82 |                                     | H  | $\vdash$   |                                     |  | Г  | Т            | $\vdash$   | -             |
|                | 83       | -                                   |  |  | 一                                   | <del>                                     </del> | ┪  |              |  |               |
| $\vdash$       | 84       |                                     | <del>                                     </del> | _  | $\vdash$                            | $\vdash$   | <del>                                     </del> | $\vdash$     | _  | $\vdash$      |
|                | 84<br>85 | $\vdash$                            | $\vdash$   | <del>                                     </del> | $\vdash$                            | <del>                                     </del> |  | -            | <del>                                     </del> |               |
|                | 86       | $\vdash$                            | ┢╾   | ├-   | $\vdash$                            | $\vdash$   | <del>                                     </del> |              | -  | -             |
|                | 86<br>87 | $\vdash$                            | $\vdash$   |  | $\vdash$                            | ┢  | <del> </del>                                     | -            |  |               |
| -              | 90       | $\vdash$                            | ├  | -  | $\vdash$                            | -  | -  | $\vdash$     |  | $\vdash$      |
|                | 88<br>89 | -                                   | -  | ╁  |                                     |  | -  | $\vdash$     |  | $\vdash$      |
|                | 09       | $\vdash$                            |  | ├  | $\vdash$                            | $\vdash$   | $\vdash$   | -            | $\vdash$   | -             |
|                | 90<br>91 | ├─                                  | $\vdash$   | $\vdash$   | $\vdash$                            | $\vdash$   | $\vdash$   | ├            | ├─   | $\vdash$      |
|                |          | $\vdash$                            | $\vdash$   |  | -                                   | -  | 1—   | -            | $\vdash$   | $\vdash$      |
|                | 92       |                                     | -  | ┢  | -                                   |  | -  | -            | -  | <del> </del>  |
| -              | 93       | -                                   | $\vdash$   | $\vdash$   | $\vdash$                            | $\vdash$   | ├  | $\vdash$     | ├  | ├             |
| <b>-</b>       | 94       | $\vdash$                            |  | ⊢  | $\vdash$                            | -  | $\vdash$   | ├-           | ├  |               |
| <u> </u>       | 95       | <del> </del>                        |  | $\vdash$   |                                     | -  | -  | -            | <del> </del>                                     | -             |
| -              | 96       | ├                                   | $\vdash$   | -  | $\vdash$                            | -  | $\vdash$   | $\vdash$     | -  | $\vdash$      |
| <u> </u>       | 97       | $\vdash$                            | -  | -  | -                                   | $\vdash$   | I-   | <del> </del> | $\vdash$   | -             |
| -              | 98       |                                     | ⊢  | <del> </del>                                     | $\vdash$                            | $\vdash$   | $\vdash$   | <u> </u>     | ⊢  |               |
| <u> </u>       | 99       | ⊢                                   | -  | -  | ⊢                                   | ├-   | -  | -            | $\vdash$   | $\vdash$      |
| L              | 100      |                                     | Щ  |  |                                     | L  | <u> </u>   | L_           | L_   | L             |

| Cl    | Date   |          |        |  |   |        |              |   |                    |           |
|-------|--|----------|--------|--|---|--------|--------------|---|--------------------|-----------|
|       |  |          |        |  |   |        |              |   |                    |           |
| a     | Original   |          |        |  |   |        |              |   |                    |           |
| Final | rig  |          |        |  |   |        |              |   |                    |           |
|       | 0  |          |        |  |   |        |              |   |                    |           |
|       | 101  | $\Box$   |        |  |   |        |              |   |                    | $\neg$    |
|       | 101<br>102   | $\dashv$ |        |  |   |        |              |   |                    | $\neg$    |
|       | 103  | П        | $\neg$ |  |   |        |              |   |                    |           |
|       | 103<br>104<br>105<br>106<br>107<br>108   |          |        |  |   |        |              |   |                    | $\neg$    |
|       | 105  |          |        |  |   |        |              |   |                    | $\exists$ |
|       | 106  |          |        |  |   |        |              |   |                    |           |
|       | 107  |          |        |  |   |        | $\neg$       |   |                    |           |
|       | 108  |          |        |  |   |        |              |   |                    |           |
|       | 109  |          |        |  |   |        |              |   |                    |           |
|       | 110  |          |        |  |   |        |              |   |                    |           |
|       | 111  |          |        |  |   |        |              |   |                    |           |
|       | 112  |          |        |  |   |        |              |   |                    |           |
|       | 113  |          |        |  |   |        |              |   |                    |           |
|       | 114  |          |        |  |   |        |              |   |                    | $\Box$    |
|       | 115  |          |        |  |   |        |              |   |                    | $\Box$    |
|       | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116   |          |        |  |   |        |              |   |                    |           |
|       | 117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |          |        |  |   |        |              |   |                    |           |
|       | 118  | П        |        |  |   |        |              |   |                    |           |
|       | 119  |          |        |  | - |        |              |   |                    |           |
|       | 120  |          |        |  |   |        |              | _ |                    |           |
|       | 121  |          |        |  |   |        |              |   |                    |           |
|       | 122  |          |        |  |   |        |              |   |                    |           |
|       | 123  |          |        |  |   |        |              |   |                    |           |
|       | 124  |          |        |  |   |        |              |   |                    |           |
|       | 125  |          |        |  |   |        |              |   |                    |           |
|       | 126  |          |        |  |   |        |              |   |                    |           |
|       | 127  |          |        |  |   |        |              |   |                    |           |
|       | 128  |          |        |  |   |        |              |   |                    |           |
|       | 129  |          |        |  |   |        |              |   |                    |           |
|       | 130  |          |        |  |   |        |              |   |                    |           |
|       | 131  |          |        |  |   |        |              |   |                    |           |
|       | 132  |          |        |  |   |        |              |   |                    |           |
|       | 133<br>134   |          |        |  |   |        | $\Box$       |   |                    |           |
|       | 134  |          |        |  |   |        |              |   |                    |           |
|       | 135  | П        |        |  | Г |        |              |   | Г                  |           |
|       | 136<br>137   |          |        |  |   |        |              |   |                    |           |
|       | 137  |          |        |  |   |        |              |   |                    |           |
|       | 138  |          |        |  |   |        |              |   |                    |           |
|       | 138<br>139   |          |        |  |   |        |              |   |                    |           |
|       | 140  |          |        |  |   |        |              |   |                    |           |
|       | 141  |          |        |  |   |        |              |   |                    |           |
|       | 142  |          |        |  |   |        |              |   |                    |           |
|       | 143  |          |        |  |   |        | $oxed{oxed}$ |   | $oxedsymbol{oxed}$ |           |
|       | 144  |          |        |  |   |        |              |   |                    |           |
|       | 145  |          |        |  |   | $\Box$ |              |   |                    |           |
|       | 146  |          |        |  |   |        |              |   |                    |           |
|       | 147  |          |        |  | L | 匚      |              |   |                    |           |
|       | 148  |          |        |  |   |        |              |   |                    |           |
|       | 149  |          |        |  |   |        |              |   |                    |           |
|       | 150  |          |        |  |   |        |              |   |                    |           |